

# Super Computing Challenge Proposal

Team Number\_\_\_\_

School: Aldo Leopold Charter School

Area of Science: Environmental Alteration

Problem: Gila River Diversion

Grant County and all of our state is planning to dam and divert the last free-flowing river in New Mexico. In the process of distorting the riparian habitat that is the Gila River, the path the water follows will change drastically.

We hope to create an accurate representation of the upcoming river morphology through three-dimensional modeling. Not only will we simulate the future , but we'll show the river's past and present as well. Many citizens of our town, Silver City, are very knowledgeable about this decision and we hope to gain helpful information that we can put to use in our project. Our model will also inform the public of the dangers of changing the course of mother nature's path, endangering this beautiful ecosystem.

Team Members:

Sterling Wecks

Tigerlilly Warner

Emiliano Rodriguez

Joseph Flores

Angelica Sosaya

Teacher: Avery Jepson-Browne